

## AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 – 9 (cancelled)

Claims 10 – 11 (original)

Claims 12 – 15 (withdrawn)

16. (currently amended) [The second-generation colloid of claim 11 wherein said second-generation colloid comprises a metal.] A metallic second-generation ordered, monodisperse colloid prepared by

(a) polymerizing one or more polymerizable components around a first-generation colloidal template;

(b) selectively removing the first-generation colloidal template to yield an ordered, monodisperse porous polymer having pores;

(c) depositing a metal into the pores of the porous polymer; and

(d) selectively removing the porous polymer.

Claim 17 (currently amended) The second-generation colloid of claim [11] 16 wherein said second-generation colloid comprises a material selected from the group consisting of nickel and gold.

Claims 18 – 19 (withdrawn)

Claim 20 (original)

Claim 21 (currently amended) [The second-generation colloid of claim 11 wherein said second-generation colloid comprises ellipsoidal particles.] An ellipsoidal second-generation ordered, monodisperse colloid prepared by

- (a) polymerizing one or more polymerizable components around a first-generation colloidal template;
- (b) selectively removing the first-generation colloidal template to yield an ordered, monodisperse porous polymer having ellipsoidal pores;
- (c) depositing a metal into the pores of the porous polymer; and
- (d) selectively removing the porous polymer.

Claims 22 – 29 (cancelled)

Claims 30 – 42 (original)

Claim 43 (cancelled)

Claim 44 (original)